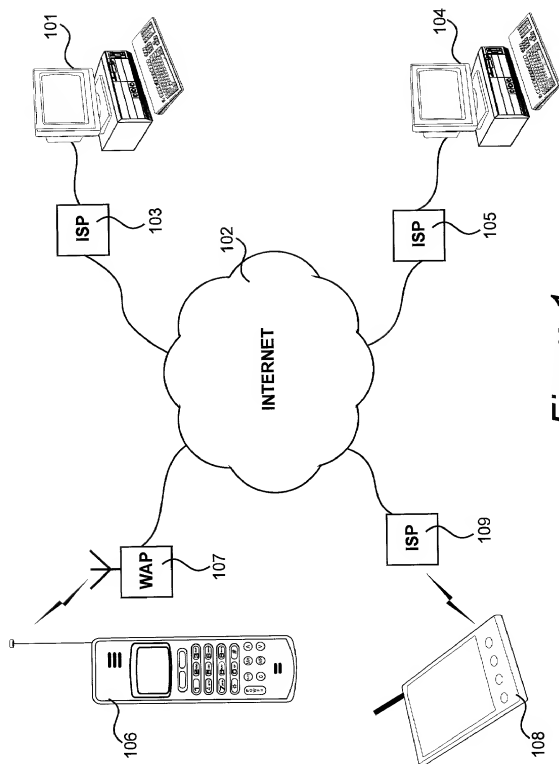


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*Figure 1*

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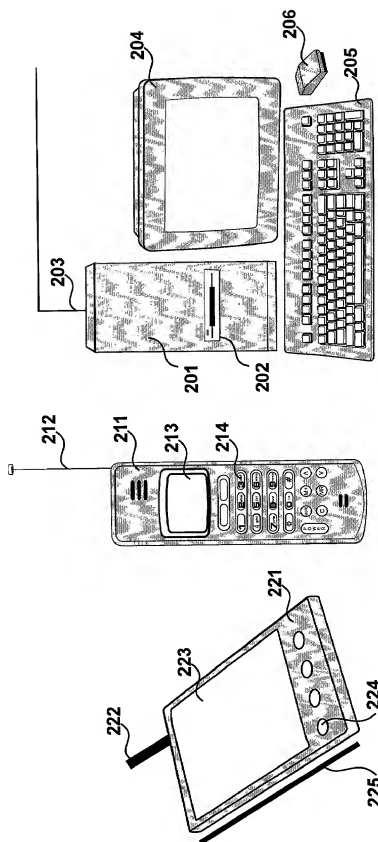
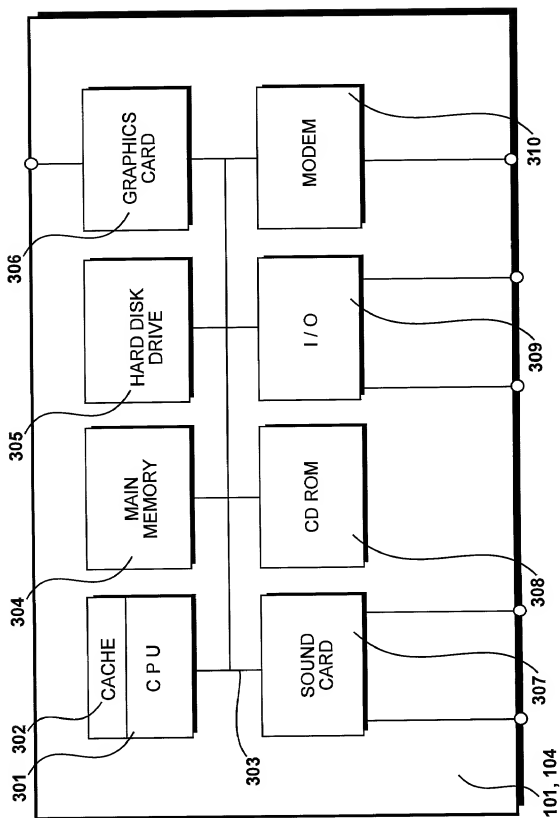
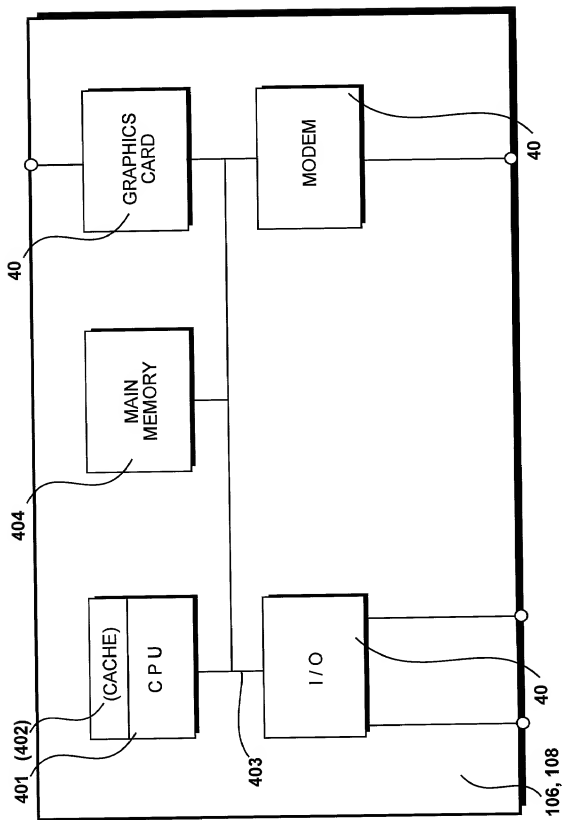


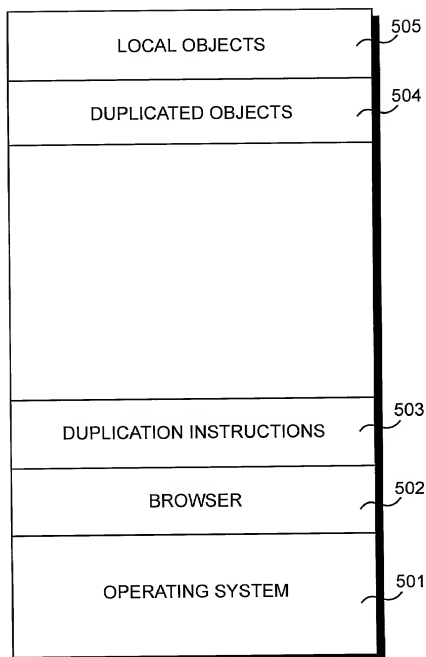
Figure 2

*Figure 3*

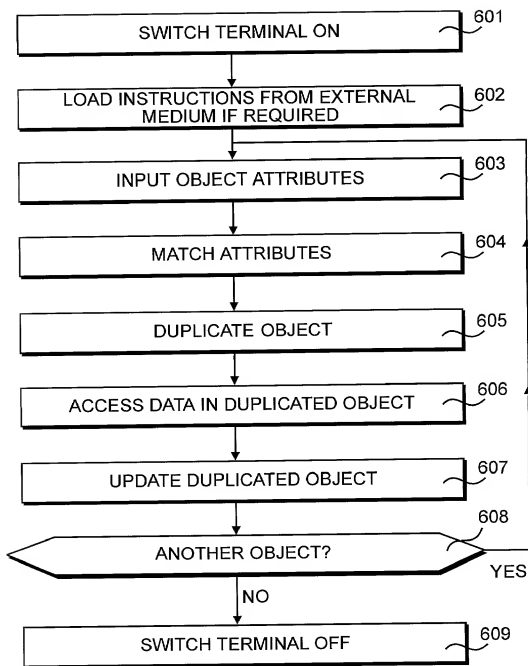
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*Figure 4*

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*Figure 5*

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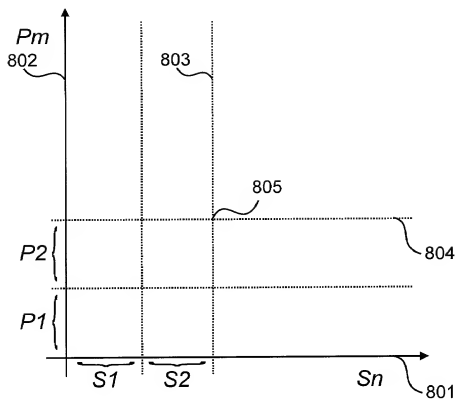
*Figure 6*

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701	Title "2-for-1 offer";	
702	# include <2-for-1.h>	
703	Void main (void) {	
	704	Define PromotionSpace;
	705	Client * pClient = Client :: Create();  // initialise the client attributes
	706	pClient $\longrightarrow$ Publish();  // will eventually discover relevant promotion
	707	Promotion * pPromotion = Promotion :: Create();  // initialise the promotion attributes
	708	pPromotion $\longrightarrow$ Publish();  // will eventually discover relevant client
		}

Figure 7

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*Figure 8*



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$$901 \quad S_n = S_1 \cup S_2 \cup \dots \cup S_n$$

$$902 \quad P_m = P_1 \cup P_2 \cup \dots \cup P_m$$

$$903 \quad C_{1,1} = S_1 \cup P_1$$

$$C_{1,2} = S_1 \cup P_2$$

$$904 \quad C_{1,m} = S_1 \cup P_m$$

$$905 \quad C_{n,m} = S_n \cup P_m$$

$$906 \quad R = C(P) \times C(S)$$

$$907 \quad R = \frac{C(S) \times C(P)}{(n \times m)}$$

$$908 \quad C_{n,n} = S_n \cup P_n$$

*Figure 9*

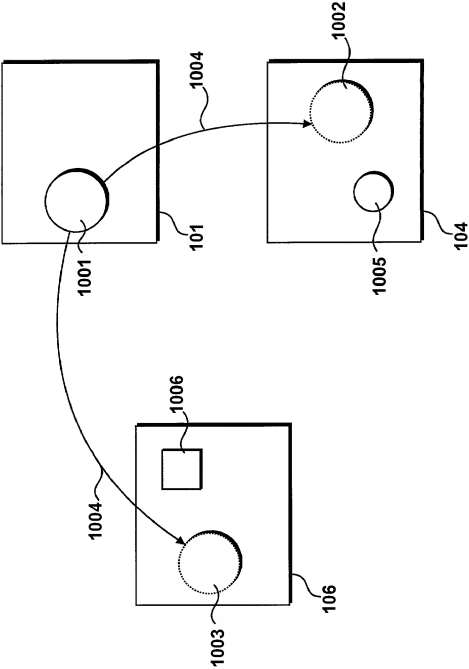
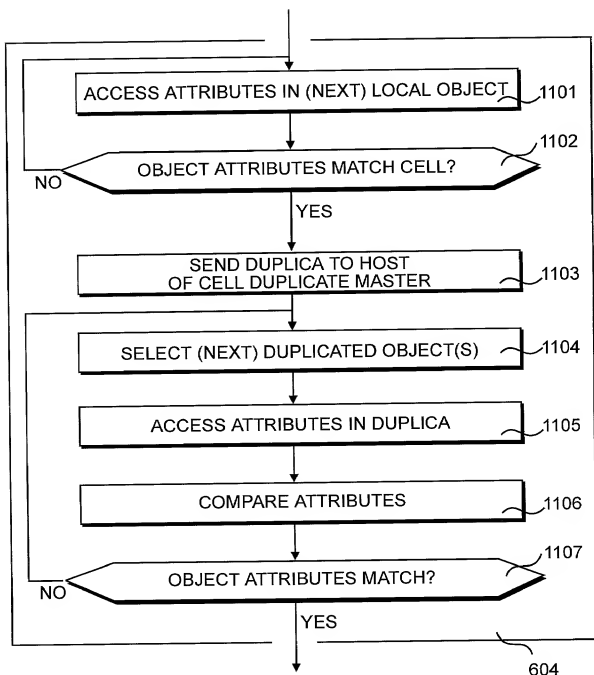


Figure 10

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*Figure 11*

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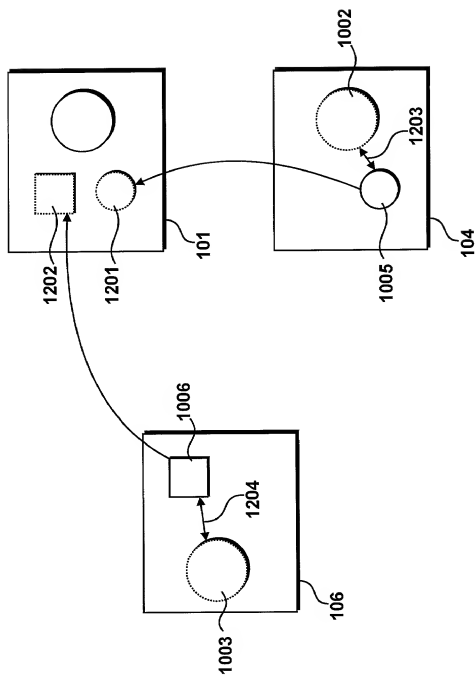
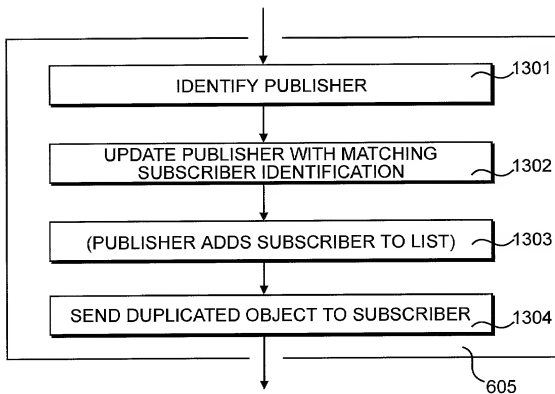
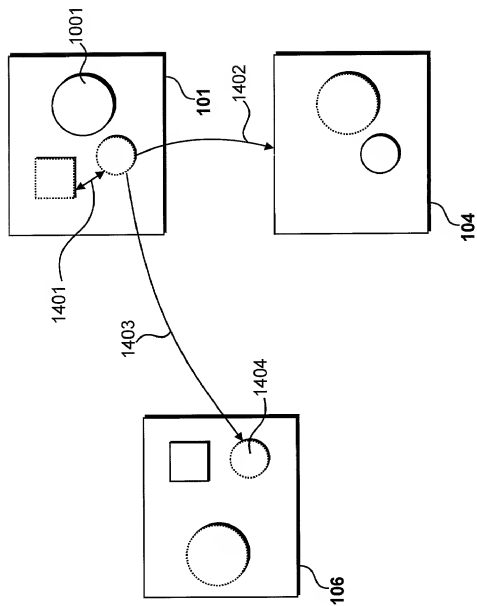


Figure 12

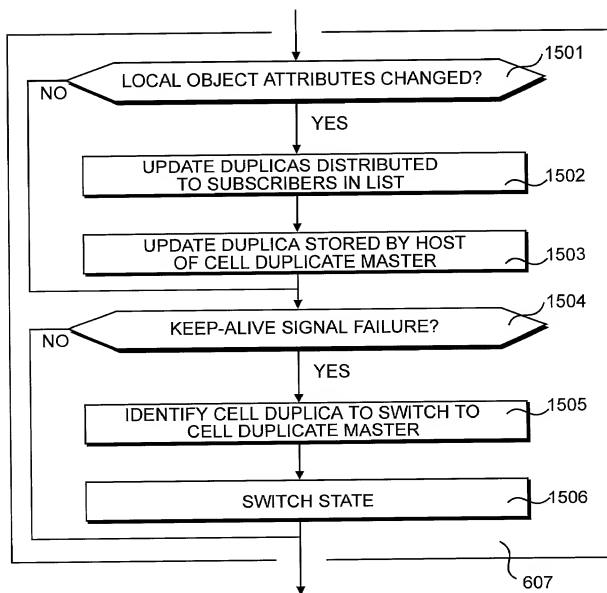
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*Figure 13*

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*Figure 14*

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*Figure 15*

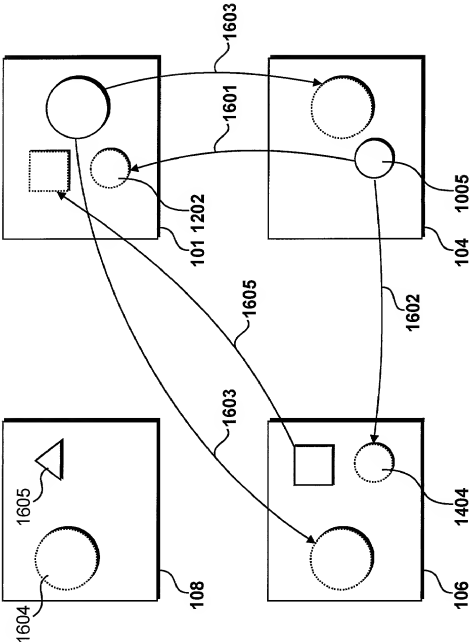


Figure 16



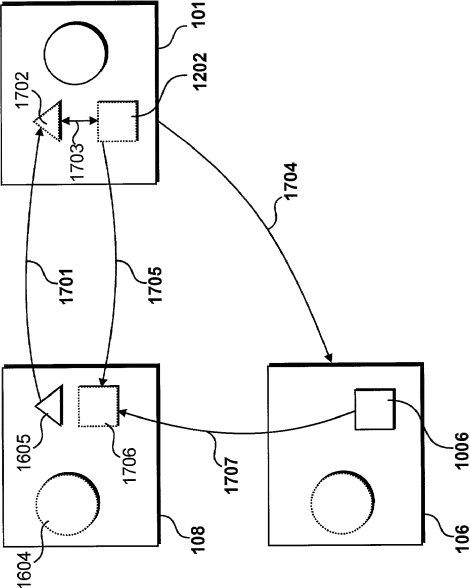


Figure 17